1. Product and company identification

Product Name: Ultra Break Max
UN/ID No.: UN1760 Corrosive Liquids, N.O.S.

Recommended use of the chemical and restrictions on use:
Recommended Use: Liquid Builder for use in Industrial Laundry Machines.

Supplier: Butler Chemicals, Inc.
3070 E. Ceena CT.,
Anaheim, CA. 92806

For Chemical Emergency
Spill, leak, Exposure or Incident
CALL INFOTRAC • 24-Hour Number
1(800) 535-5053 or + 1-352-323-3500

2. Hazards identification

Appearance: Amber Liquid  Physical State: Liquid  Odor: Bland

Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity – Oral</td>
<td>4</td>
</tr>
<tr>
<td>Acute Toxicity – Inhalation (Dust/Mists)</td>
<td>4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>1</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>1</td>
</tr>
</tbody>
</table>

Signal Word: Danger

Hazard Statement:
Harmful if swallowed or inhaled
Causes severe skin burns and eye damage
Causes severe skin burns and eye damage

Precautionary Statements – Preventions:
Read label before use.
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection
Keep out of reach of children

Precautionary Statements – Response:
Immediately call a poison control center or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing, immediately call a poison control center or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse. Seek medical attention if symptoms persist.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a poison control center or doctor/physician
IF SWALLOWED: Immediately call a poison control center or doctor/physician. Rinse mouth, do NOT induce vomiting

Precautionary Statements – Storage:
Store locked up. Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements –Disposal:**
Disposed of contents/container in accordance with local, state, regional, national and federal regulations.

**Other Hazards:** Harmful to aquatic life with long lasting effects. Harmful to aquatic life

### 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Cas Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM HYDROXIDE</td>
<td>1310-73-2</td>
<td>20-60%</td>
</tr>
<tr>
<td>CAUSTIC POTASH</td>
<td>1310-58-3</td>
<td>20-60%</td>
</tr>
</tbody>
</table>

### 4. First aid measures

**Eye contact:**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a poison control center or doctor/physician

**Skin contact:**
IF ON SKIN (hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention.

**Inhalation:**
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison control center or doctor/physician

**Ingestion:**
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison control center or doctor/physician

### 5. Fire-fighting measures

**Flash point:** N/A

**Flammability of the product:** N/A

**Extinguishing media:**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Non suitable:** Not determined

**Hazardous Combustion Products:** None Known

**Special protective equipment for fire-fighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. Accidental release measures

**Personal precautions:**
Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental precautions:**
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological information. See Section 13, Disposal Considerations, for additional information.

**Methods for cleaning up:**
Prevent further leakage or spillage if safe to do so. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Absorb spilled liquid with suitable material such as dirt or sand.

**Methods for Containment:**
Pick up and transfer to properly labeled containers.

### 7. Handling and storage

**Handling:**
Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray

**Storage**
Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing.

### 8. Exposure controls/personal protection

**Occupational exposure limits:**
**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH-TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>Ceiling: 2 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>IDLH: 10 mg/m³</td>
</tr>
</tbody>
</table>

Page 2 of 4
Ultra Break Max

| CAS# 1310-73-2 |

(vacated) Ceiling: 2 mg/m³
Ceiling: 2 mg/m³

**Occupational exposure limits:**

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide (K(OH)) (CAS 1310-58-3)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>

**Eye/Face Protection**

Wear chemical anti-splash safety glasses or goggles with side shields and a face shield.

**Skin and Body Protection**

Wear appropriate chemical resistant gloves, apron or lab coat, as appropriate, to prevent skin contact. Wear appropriate chemical resistant clothing.

**Respiratory Protection**

Provide local exhaust, preferably mechanical. If exposure levels are excessive, wear suitable respiratory equipment.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary

**General Hygiene considerations**

Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling. Always observe good personal hygiene measure, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminates.

**9. Physical and chemical properties**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Boiling Point (F)</td>
<td>N/A</td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
</tr>
<tr>
<td>pH</td>
<td>13+</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not Available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Reactivity in Water</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
</tbody>
</table>

**10. Stability reactivity**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>This product is stable and non-reactive under normal conditions of use, storage, and transport</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Material is stable under normal conditions</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization does not occur</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Contact with incompatible materials</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>No hazardous decomposition products are known.</td>
</tr>
</tbody>
</table>

**11. Toxicological information**

**Acute toxicity:** Not available

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA

**Inhalation:** May cause irritation to the respiratory system. Prolonged inhalation may be harmful

**Skin:** May be harmful if absorbed through skin. Causes severe skin burns.

**Eyes:** Causes severe eye burns, causes serious eye damage

**Ingestion:** Toxic if swallowed. Do not ingest.


**Chronic Effects of Long-term Exposure:** No data available

**Carcinogenicity:** No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.

**12. Ecological information**
13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: Handling and Storage and Section 8: Exposure Controls/Personal Protection for additional handling information and protection of employees.

14. Transport information

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>UN1760</td>
<td>Corrosive Liquids, N.O.S., (Sodium Hydroxide, Potassium Hydroxide)</td>
<td>8</td>
<td>II</td>
</tr>
</tbody>
</table>

*PG: Packing group

15. Regulatory information

U.S. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

California Right to Know Act regulations (SB 258)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No,</th>
<th>Function</th>
<th>List(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>WATER</td>
<td>N/A</td>
</tr>
<tr>
<td>SODIUM HYDROXIDE</td>
<td>1310-73-2</td>
<td>ALKALINITY SOURCE</td>
<td>20</td>
</tr>
<tr>
<td>CAUSTIC POTASH</td>
<td>1310-58-3</td>
<td>ALKALINITY SOURCE</td>
<td>20</td>
</tr>
<tr>
<td>CHELATOR</td>
<td>WITHHELD</td>
<td>CLEANING AGENT</td>
<td>N/A</td>
</tr>
<tr>
<td>POLYMER</td>
<td>WITHHELD</td>
<td>CLEANING AGENT</td>
<td>N/A</td>
</tr>
</tbody>
</table>

16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>0</td>
<td>1</td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: May 28, 2020
Print Date: June 22, 2020
Prepared by: Technical Department

Disclaimer
The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet